

2013 SUMMER SEASON ASSESSMENT OF TURKEY

JUNE:

In June of 2013, the mean temperature in all of the country were around normals. While it was above normals at coast of Black Sea Region and some inland areas. The highest value of monthly mean maximum temperature, 30,8 °C, was measured in Cizre, and the least value of monthly mean minimum temperature, 12,6 °C in Sarıkamış.

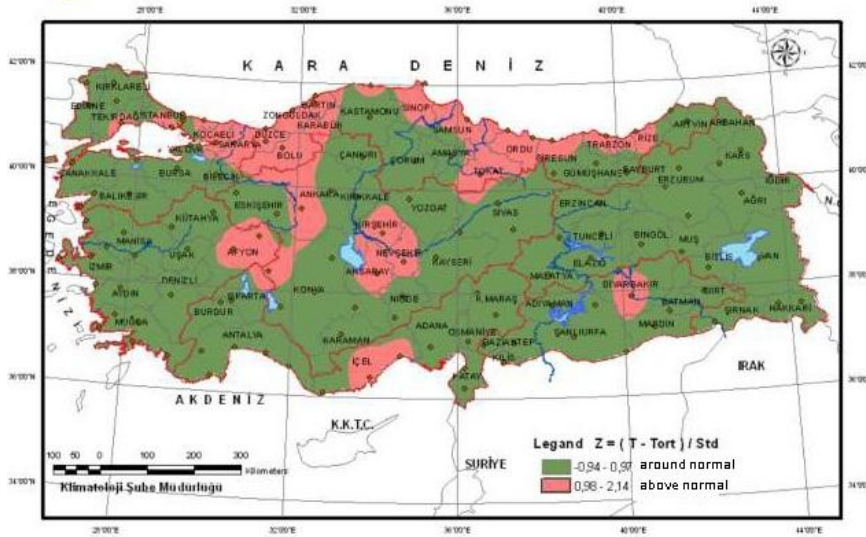


Figure-1: June-2013 Mean Temperature Anomalies

STATION	LONG TERM JUNE MAX. TEMP. (°C)	JUNE 2013 MAX TEMP. (°C)	DIFF (°C)
Gemerek	35.4	35.7	0.3
Nevşehir	34.2	35.0	0.8
Sivas	35.2	35.5	0.3
Tokat	38.5	39.8	1.3
Adıyaman	40.5	40.7	0.2

Figure-2: New Extreme Maximum Temperature Values in June

Generally, total mean precipitation in June, 2013 was less than the normals but above than the last year June. According to normals, the highest rainfall in June was measured Edirne, Kırklareli, İzmir and Muğla.

Monthly mean total precipitation of June was 25,5 mm and the normal was 31,7 mm. The rainfall in June decreased % 19,6 according to normals over almost whole country.



Figure-3: June-2013 Precipitation Anomalies

Floods, Storm and hail are affected some part of Turkey. The most notable event, heavy rain and thunderstorm were caused flood in Bursa, Ağrı, Artvin, Rize, Erzurum, Manisa and Denizli. Lightning and hail were damaged cars and tree. Also Houses and highways were affected from extreme events. There were no casualties

JULY:

In July of 2013, the mean temperatures were around normals almost whole country. The highest value of monthly mean maximum temperature, 34,3 °C, was measured in Cizre, and the least value of monthly mean minimum temperature, 15,5 °C in Sarıkamış.

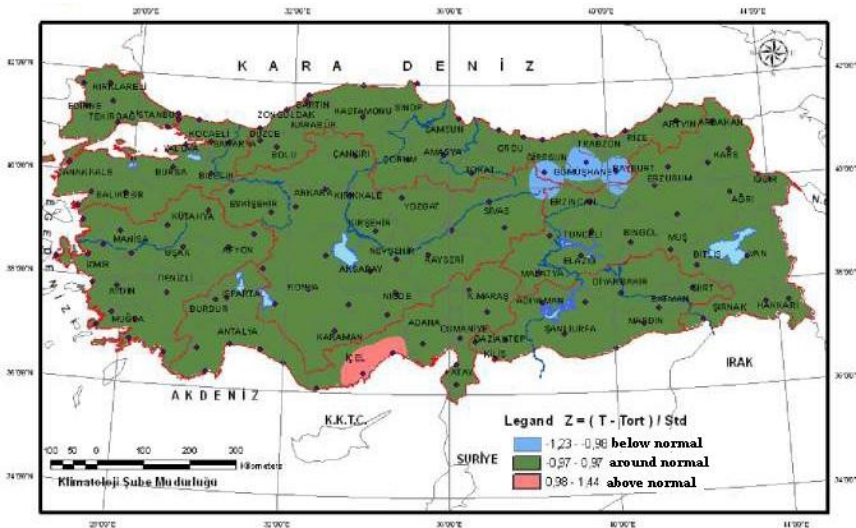


Figure-4: July-2013 Mean Temperature Anomalies

Total mean precipitation in July 2013 was less than the normals but above than the last year July (15.7mm). According to normals, the highest rainfall in July was measured in Uşak, Afyon, Isparta,

Burdur and north-eastern part of Anatolia, while the lowest rainfall was measured in Thrace, South-eastern part of Anatolia and some inland regions.

Monthly mean total precipitation of July was 16,8 mm and the normal was 18,9 mm. The rainfall in July decreased % 11,3 according to normals.

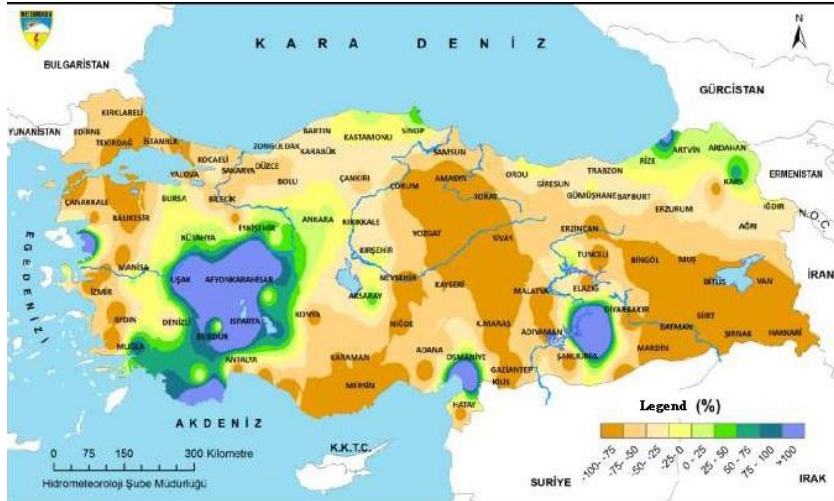


Figure-5: July-2013 Precipitation Anomalies

Heavy rain and thunderstorm were caused flood in Afyon, Manisa, Sinop and Uşak. Bridge have been destroyed in Sinop by heavy rain. Erzurum was damaged by walnut-sized hail, cars, houses and trees were damaged. Lightning was occurred in Edirne.

AUGUST:

In august of 2013, the mean temperatures were above normals in Çanakkale, Muğla, Antalya, Edirne, Tekirdağ, Bartın and Mersin. It was around normals in the rest of the Country. The highest value of monthly mean maximum temperature, 33,8 °C, was measured in Cizre, and the least value of monthly mean minimum temperature, 15,4 °C in Ardahan.

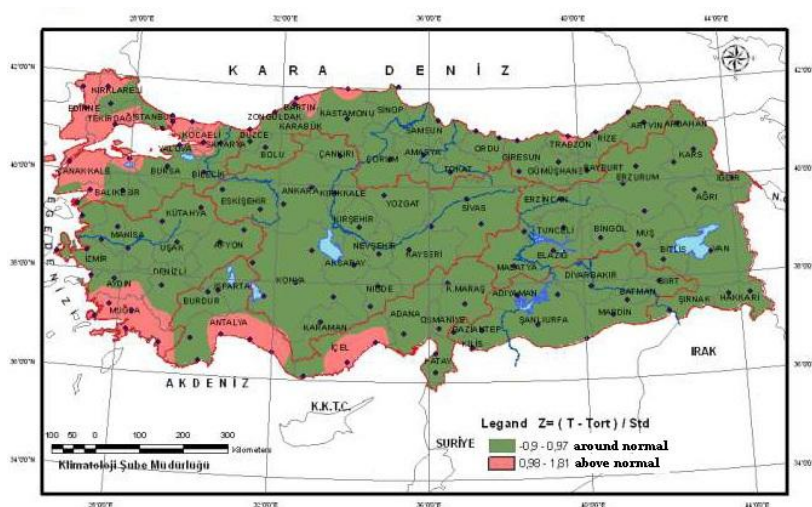


Figure-6: August-2013 Mean Temperature Anomalies

Total mean precipitation in august 2013 was below than the normals and last year august. According to normals, the highest rainfall in august was measured in Samsun. Monthly mean total precipitation of august was 10,5 mm and the normal was 18,2 mm. The rainfall in august decreased %42,1 according to normals.



Figure-7: August-2013 Precipitation Anomalies

Floods, Storm and hail are affected some part of Turkey.. Heavy rain and thunderstorm were caused flooding in Samsun, Trabzon, Rize and İzmir. Houses, trees and highways were damaged, walnut-sized hail was damaged to cars.

2013 Summer Season Assessment of Turkey Compare to Secof Experts Forecasts

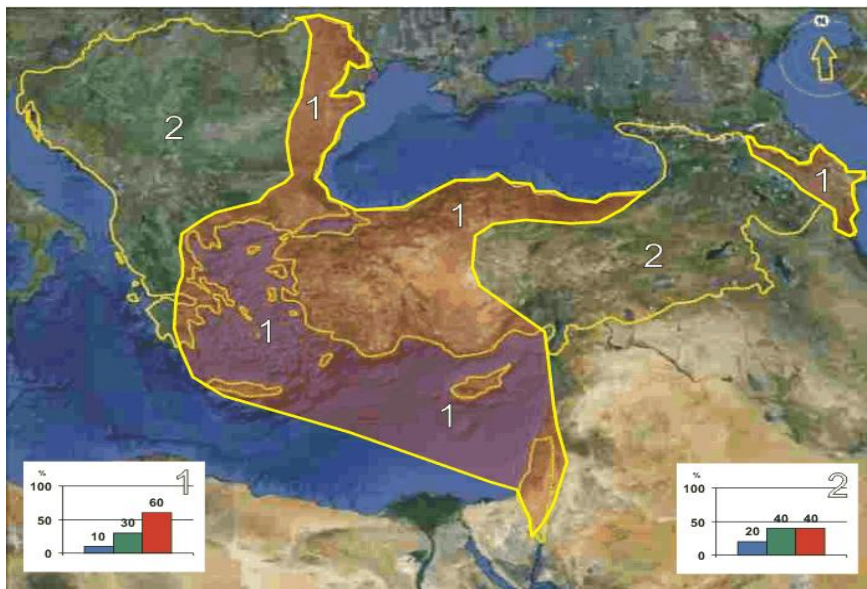


Figure-8: Graphical Presentation 2013 Summer Temperature Outlook

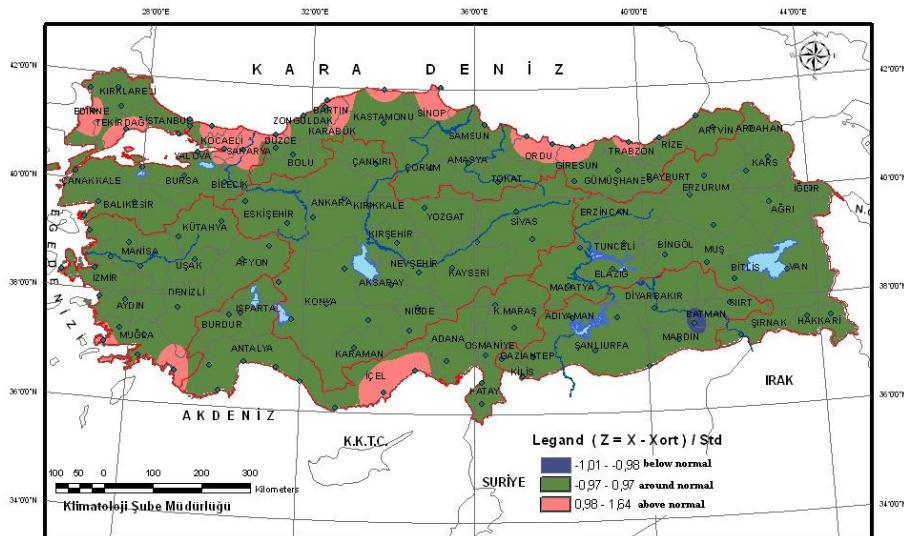


Figure-9: 2013 Summer Season Mean Temperature Anomaly of Turkey

Mean temperature was around normal almost whole country except some coast line of Black Sea Region and Mersin, Edirne. It was above normal in this region. Mean temperature anomalies was expected probably 40% around normal, 20% below from normal and %40 above from normal for east part of Turkey by SEECOF experts forecast. It was expected 60% above normal for western part of Turkey. But mean temperature anomalies were around normal.

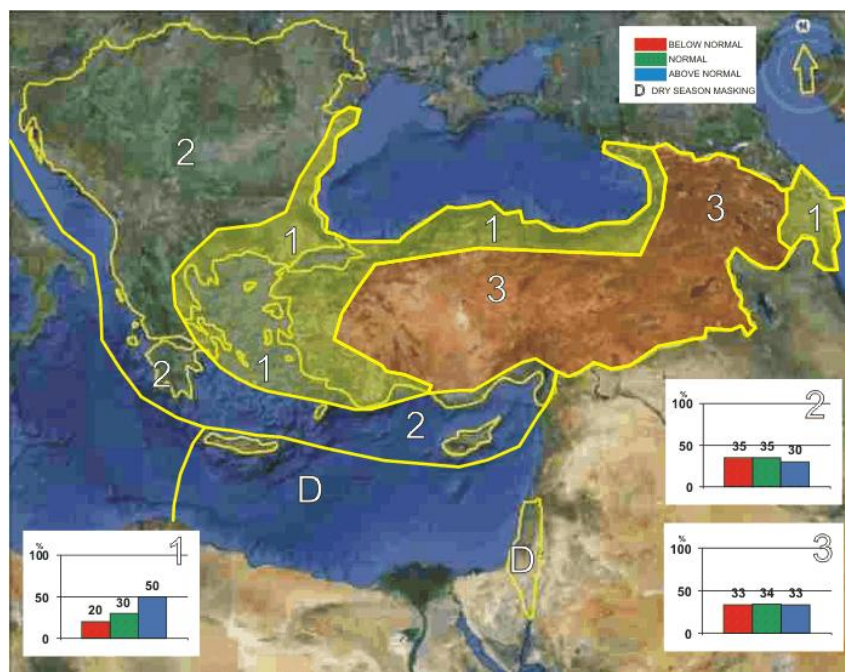


Figure-10: Graphical Presentation 2013 Summer Precipitation Outlook



Figure-11: 2013 Summer Season Mean Precipitation Anomaly of Turkey

Total precipitation amount were above normal in Aegean region and Middle Black Sea Region and It was below normal rest part of Turkey. According to the SEECOF experts forecasts in third region, probability was equal. Mean precipitation amount expected probably 50% above normal for first region. Genarally it was above normal.